User Manual

V 1.0

CONTENTS

Introduction 1
- Features 1
- System Requirements 1

The Remote Control 2
- Using the Remote Control for the First Time 2
- Changing the Battery of the Remote Control 2
- Buttons 3

Parts and Functions 4

Quick Start 5

USB Connection 6
- Mounting the USB External Storage 6
- Partition of the USB External Storage 7
- Media Files for Playback 7

TV Connection 9
- Connecting to AV Equipments 9
- HDMI Cable Connection Behavior 12
- Detail View 13
- Thumbnail View 15

Playing Back Media Files 17
- About Media Files 17
- Using the Remote Control 20

Setup Menu 26
- GENERAL SETUP 26
- AUDIO SETUP 27
- VIDEO SETUP 28
- PREFERENCES SETUP 29

Appendix 30
- Specifications 30
- Troubleshooting 31
- Fonts support country list 34
- Error Code 34
- Copyright 35

Introduction

Features

- ❑ Plays back DVD Folder, VCD, MPEG1, MPEG2, DivX/Xvid(AVI) movie files, MP3, WAV music files, JPEG photo and graphic files.
- ❑ Supports both NTFS and FAT32 file system.
- ❑ Supports both NTSC and PAL TV systems.
- ❑ Supports video output up-scaling to 1080i.
- ❑ Supports HDMI and component video output.
- ❑ Supports Music Slideshow

⚠
- This device is not for in-car entertainment use. Unstable power or vibration may damage this device.
- Do not use an AC adapter other than the one provided with the retail package; Any damage caused by unauthorized adapters will void the warranty.

⚠ TV screen does not display normally:

- Press **TV SYS** button to switch output TV system. (See page 29 for more detail).

System Requirements

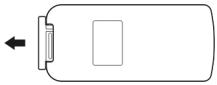
Storage media: USB Flash Drive / USB external HDD (USB card readers are not supported)

Minimum Capacity: 512MB

Minimum Allocation Unit Size: 4096 bytes

The Remote Control

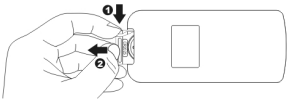
Using the Remote Control for the First Time



For the first time use of the remote control, pull out the tab to enable the battery power of the remote control.

Changing the Battery of the Remote Control

If the battery becomes depleted, change the battery according to the following instructions:

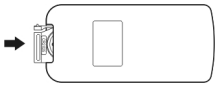


Take out the battery holder

1. Turn the remote control on its back, and then press the tab on the left side with fingernail❶. Hold and pull at the indentation❷ to take out the battery unit.

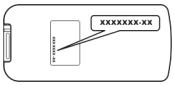
Load the new battery (+ towards up)

2. The battery model of this remote control is CR2025. Refer to the illustration to insert the battery accurately with the positive terminal facing up – see illustration below.



Insert the battery holder

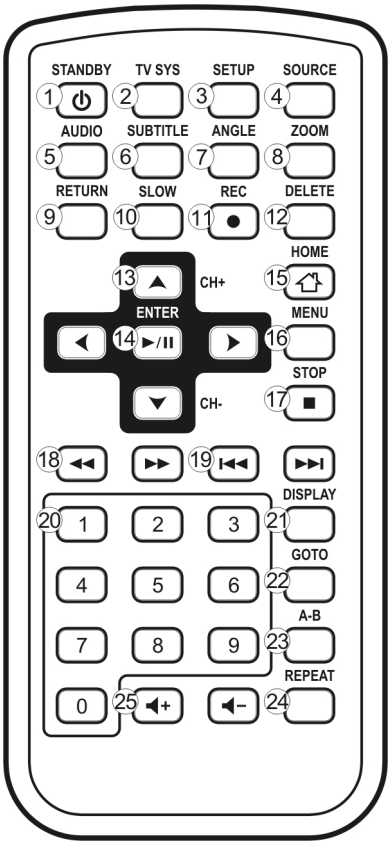
3. Place the new battery and make sure it is inserted and seated securely.



Write down the part number

It is recommended to write down the part number on the back of the remote. You can use it to purchase a new remote from our dealer if the remote is missing.

Buttons



① STANDBY: Activate this device / Return to Standby

② TV SYS: Switch output TV system

③ SETUP: Enter Setup Menu

④ SOURCE: No function

⑤ AUDIO: Switch audio channels

⑥ SUBTITLE: Switch DVD / DivX subtitles

⑦ ANGLE: Switch DVD angles

⑧ ZOOM: Enlarge image

⑨ RETURN: No function

⑩ SLOW: Slow motion playback

⑪ REC: No function

⑫ DELETE: No function

⑬ ◄ ▲ ► ▼: Cursor keys

⑭ ►/II ENTER: Play/Pause the current selected file or folder.

⑮ HOME: Open DEVICES Menu.

⑯ MENU: Switch to Thumbnail View mode / Open DVD main menu

⑰ ■ STOP: Stop current playback

⑱ ◄◄/►►: Fast rewind / Fast forward

⑲ I◄◄/►►I: Play the previous / next file

⑳ 0~9: Number pad

㉑ DISPLAY: Display file properties / played time

㉒ GOTO: Search by Title / Time

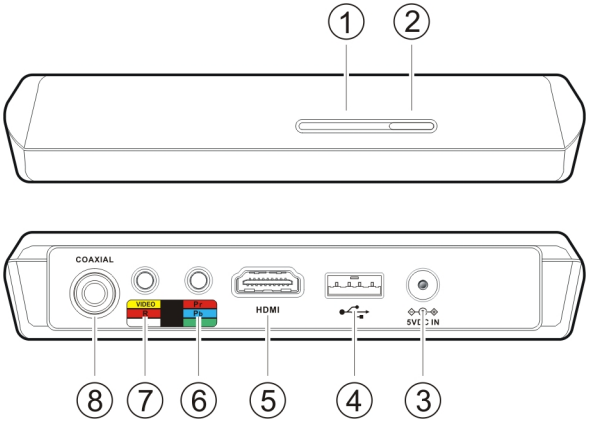
㉓ A-B: Repeat from A to B

㉔ REPEAT: Change the play mode

㉕ 🔊+/🔊−: Volume up / Volume down

Parts and Functions

Parts and Functions



①	Remote receiver :	When using the remote, point the remote towards here.
②	Power and access indicator (blue) :	Lights up: The power is on. Blinking: Booting up/ Accessing data through PC connection.
③	Power connector :	Connect to the AC adapter. (DC 5V, 2A)
④	USB 2.0 type A connector :	Connect to a USB Flash drive or a USB external HDD. (USB card readers are not supported)
⑤	HDMI connector :	Outputs digital video/audio signals with a HDMI cable. (cable not provided)
⑥	Component video output connector :	Outputs component video signals with a special cable provided. The colors of the jacks are green, blue and red.
⑦	Composite audio/video output connector :	Outputs composite video/audio signals with a special cable provided. The colors of the jacks are yellow, red and white.
⑧	Coaxial digital audio connector :	Output S/PDIF digital audio signal. Connect this jack to an AV receiver with a RCA cable. (cable not provided)

Quick Start

Read before use.

1. Do not operate electronics with wet hands.
2. Do not operate this device in a bathroom.
3. Do not bend cables in a sharp angle.
4. Keep this device unreachable from children.
5. Keep this device and its accessories away from heat sources.

How do I use this device?

Copy media files from your computer to a USB storage device, and then connect it to this device. Then connect this device to your TV or Home Theater. The User Interface is somewhat intuitive like a Browser. Try starting with ◄ ▲ ► ▼ and ►/II buttons.

How do I play media files on my TV?

1. Connect this device to your TV with correct cables.
2. Plug the AC adapter into the Power Connector to turn it on.
3. Press the ⏻ **STANDBY** button on the remote control to activate this device.
4. Browse with ◄ ▲ ► ▼ and ►/II buttons.

What if my TV screen displays unstable image?

Press the **TV SYS** button to switch output TV system. (See page 29 for more detail)

How to configure settings?

Press the **SETUP** button.

What if I have more questions to ask?

Go to the **[Troubleshooting]** chapter (page 31), and read detailed descriptions in this manual.

USB Connection

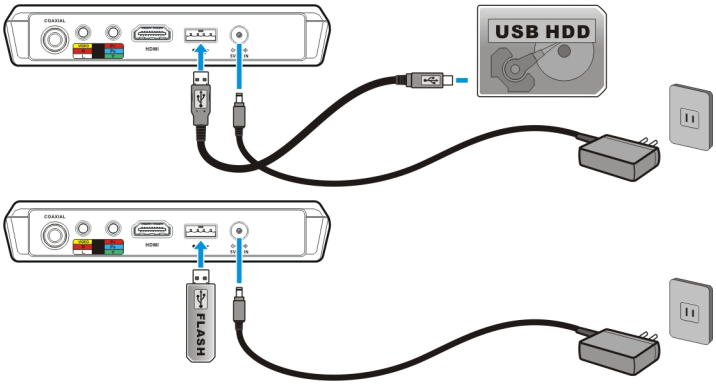
Mounting the USB External Storage

Compatibility

1. This device supports FAT16/32, and NTFS file systems.
2. This device supports USB external HDDs and USB Flash drives.
3. This device does not supports USB Flash drives smaller than 512MB in capacity.
4. This device does not support file system with Allocation Unit Size smaller than 4096 bytes. 4096 bytes or larger Allocation Unit Size is required.
5. This device does not support USB Hubs and USB card readers.
6. This device does not support USB external CD/DVD/BD/HDDVD/other ODD drives.

Mounting of a USB External Storage

This device automatically mounts a USB external storage connected.



Safely Remove of a USB external HDD

1. Press the **HOME** button on the remote control. The DEVICES menu will be shown on the screen.
2. Press the **STOP** button on the remote control.
3. The "**STOP**" message will be shown on the screen.
4. When "**NO DEVICE**" message being shown on the screen, it is safe to remove the USB external HDD.

Safely Remove of a USB Flash Drive

1. Press the **HOME** button on the remote control. The DEVICES menu will be shown on the screen.
2. It is safe to remove the USB Flash drive.

Surprise Remove

1. If a USB external storage is removed without Safely Remove processes, the "**SURPRISE REMOVE**" message will be shown on the screen.
2. This device will automatically reboot in this situation.

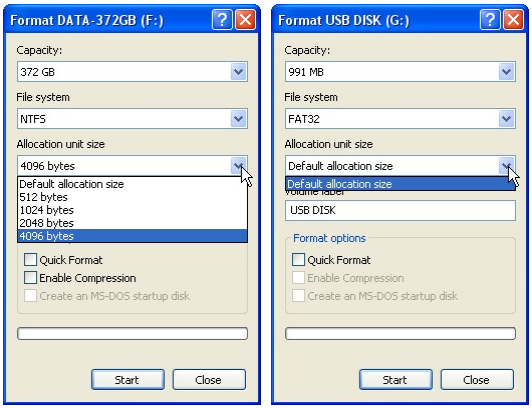
> ⚠ • Removing the USB device without the Safely Remove processes may cause system to hang and damage the device. Please always follow the Safely Remove processes when removing the USB device.

Partition of the USB External Storage

For information of partitioning and formatting of the USB external HDD, please read the following:

	NTFS	FAT32
Playback Partition	Plays only the first Primary Partition	Plays only the first Primary Partition
Minimal Allocation Unit Size	4096 bytes	4096 bytes
Single file size limitation	2TB	4GB
Partition size limitation	2TB	2TB (Windows Vista/XP/ 2000: 32GB) *

The Minimal Allocation Unit Size can be set up in Format dialogue box in Windows.



* The Disk Management of Windows Vista/XP/2000 can only create a FAT32 partition up to 32GB.

Media Files for Playback

When using this device as a media player, it can only browse and play back some specific media file formats. For supported media file formats, please refer to **[Playing Back Media Files]**. (page 17)

USB Connection

This device can play back the following media files:

- ❑ DVD movie files
- ❑ DivX/Xvid (DivX 3.11/4.x/5.x) movie files: The filename extensions are avi, divx, xvid
  DivX/Xvid subtitle files: The filename extensions are srt, sub, idx/sub, smi, psb, ass, ssa
- ❑ VCD files: The filename extension is dat
- ❑ MPEG1 / MPEG2 files: The filename extensions are mpg, mpe, mpeg, m2p, vob
- ❑ Audio and music files: The filename extensions are wav, mp3,
- ❑ Photo and graphic files: The filename extensions are jpg, jpe, jpeg

⚠

- If your files are larger than 4GB. You'll need to format this device in NTFS for storing large files.
- If your file has any of the following attributes attached to it, you may find it missing in Detail View/Thumbnail View modes:
  "**Hidden**", "**Encrypted**", "**Compressed**" and "**System Folder**"

Media Files Not Supported

Some media files, such as WMV, ASF or MOV files, can't be played back with this device. Also some AVI files may not be played back correctly due to the codec and the resolution are not supported by this device. Please use video convert software to convert these files into MPEG1, MPEG2, or DivX 3.11/4.x/5.x format.

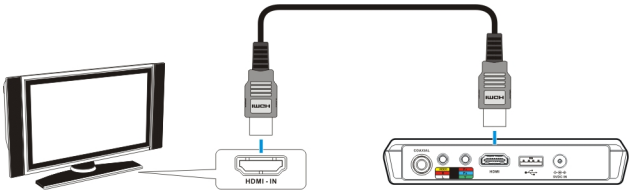
TV Connection

Connecting to AV Equipments

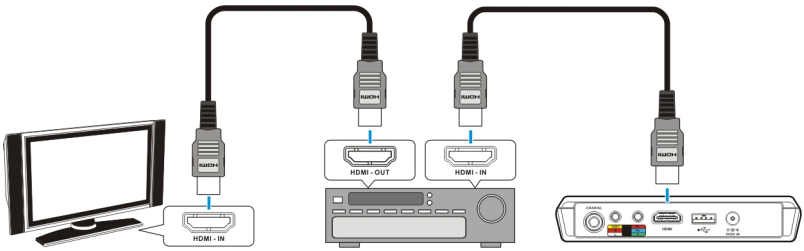
HDMI Connection

The HDMI connector can output both digital audio/video signals. Many HDTV sets and digital AV receivers support this type of connection. (HDMI cable not provided)

To a TV:



To an AV receiver:



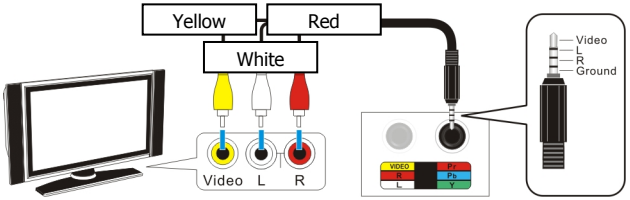
If the HDMI cable is disconnected in playback, this device will stop playback immediately.

Note: Some TV sets are equipped with DVI input ports, which will receive video signals only, but these DVI ports use HDMI connectors instead of standard DVI connectors. If you find no audio signal output while using HDMI connection, connect the Composite Audio Connection or the Coaxial Audio Connection as an auxiliary.

Composite Audio/Video Connection

The composite audio/video is compatible with most TV sets and AV amplifiers (receivers.)

Yellow: Video signal; White: Left audio channel; Red: Right audio channel.



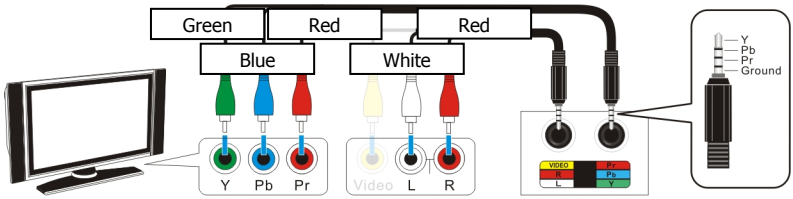
Component Video Connection (Y/Pb/Pr)

If your TV supports Component Video input (Y/Pb/Pr), you can connect it for better video

TV Connection

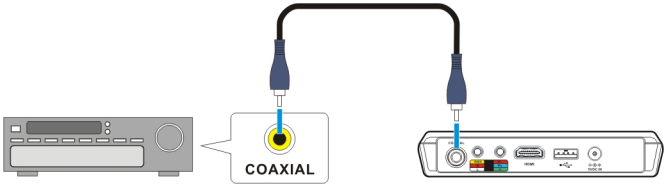
quality. You will have to connect the audio cable for audio output. You can also configure display ratio, progressive scan, and the 1080I/720P up-scaling output in SETUP MENU > VIDEO SETUP.

Note: Some TV sets are equipped with separate composite and component audio inputs. Be sure that you have connected the correct one.



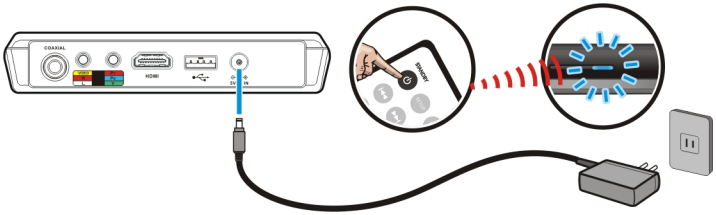
Coaxial Audio Connection

For a high quality digital audio, you connect this connector to an AV receiver which equips a digital audio decoder. (Coaxial cable not provided)



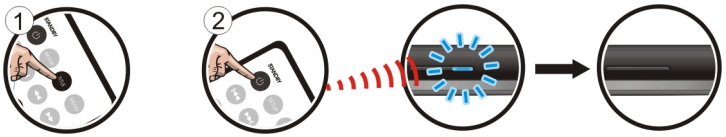
Power Connection

1. Connect the DC jack of the AC adapter to the connector marked "**DC IN**", plug the other end into an electrical outlet.
2. Press ⏻ **STANDBY** button on the remote to activate this device for playback.



Shutting Down

1. Press the ⌂ **HOME** button on the remote control. The DEVICES menu will be shown on the screen.
2. Press the ⏻ **STANDBY** button on the remote control to shut down this device.



- When using the remote control, point the remote control towards the remote receiver.
- During the remote control operation, the inhibit icon will appear on the screen when a button of non-available operation is pressed.
- If the setting of the video output is incorrect, the TV screen will not display normally. Switch to correct setting by pressing the **TV SYS** button to switch output TV system. (See page 29 for more detail).

TV Connection

HDMI Cable Connection Behavior

Detail View (non-playback)

1. In 480I / 480P / 576I / 576P component output settings, it automatically switches to 720P when a HDMI cable is connected. It switches back to previous setting when the HDMI cable is removed.
2. In 720P/1080I component output setting, its output setting will not be altered by the connection of HDMI cable.

Playback (video/audio/photo/playlist), Setup Menu, Thumbnail View

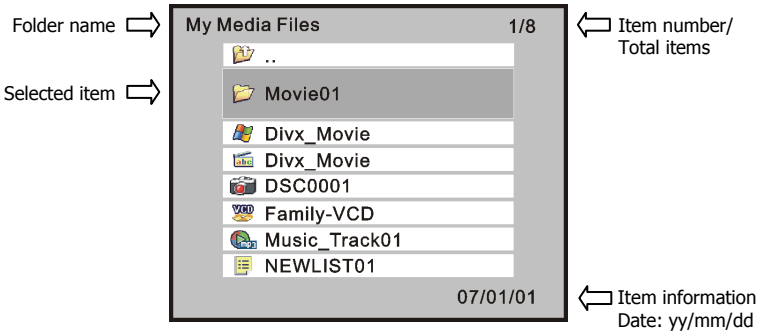
1. In 480I / 480P / 576I / 576P component output setting, it will automatically switches to 720P when a HDMI cable is connected. But when the HDMI cable is connected, it will not switch to 720P until the return of Detail View mode.
2. Assume a HDMI cable is connected and it automatically switches to 720P from previous settings. When the HDMI cable is removed, it will not switch back to the previous settings until the return of Detail View mode.

TV SYS Button

1. When the HDMI cable is connected, press **TV SYS** button to switch 50Hz/60Hz in toggle.
2. When the HDMI cable is not connected, the **TV SYS** button remains its normal function: 1080I -> 720P -> 576P -> 576I -> 480P -> 480I -> PAL -> NTSC -> (PAL / NTSC toggle)

Detail View

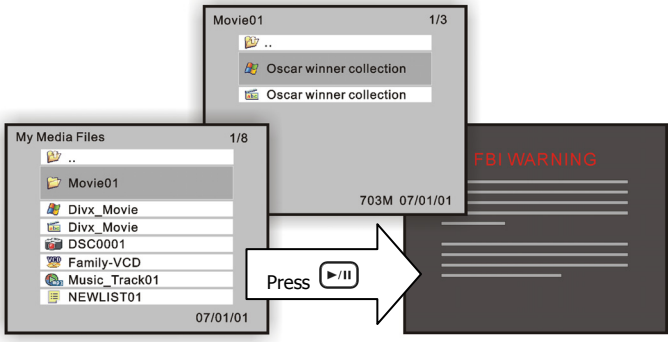
When this device is connected to a TV and activated for playback, all folders and media files will appear on the screen as the figure shown below. This mode is called "**Detail View**".

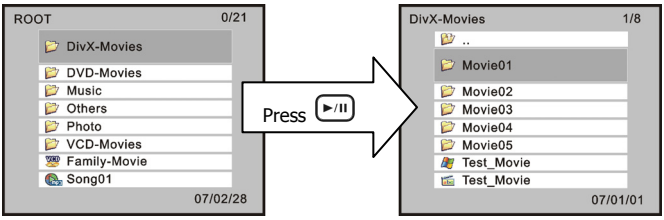


The top level of the directory tree is called the "ROOT" folder. While there are some operations reserved at the ROOT level only, it is recommended to categorize your files in folders rather than to save all of them underneath the root folder.

Operations of "Detail View"	
Function	Remote control buttons
Select item	• Press ▲▼ button to select an item, ⏮/⏭ for previous or next page. The highlighted area indicates the selected item. • You can press **0~9** buttons to select the number of the target file. If the selected file is recognizable, this device will start playback. • You **CANNOT** perform selection by pressing **0~9** button under the "ROOT" folder.
Play back	• Press the ▶/II button on a selected folder to play all media files inside that folder, or to play a single file if only one file is selected.

TV Connection

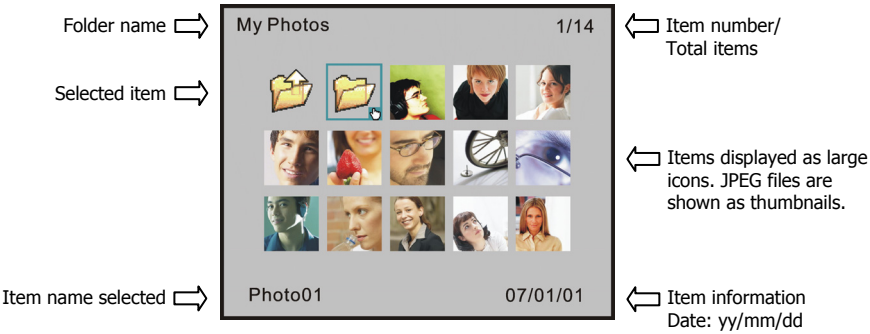
<table>
<tr><td></td><td>


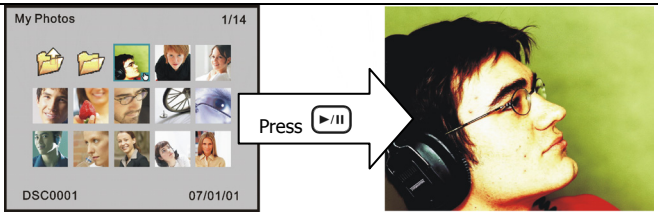
If a folder contains no recognizable media file, pressing the button will open that folder.


</td></tr>
<tr><td>Open a folder</td><td>Press button to open the selected folder.</td></tr>
<tr><td>Go up a folder level</td><td>Press / STOP button or select to go back to the parental folder.</td></tr>
<tr><td>Open DEVICES menu</td><td>Press the HOME button.</td></tr>
<tr><td>Display information</td><td>Press the DISPLAY button to display information of the selected file.</td></tr>
</table>

Thumbnail View

To switch to the Thumbnail View, press the **MENU** button on the remote control. Thumbnail View is ideal of browsing photos.



Operation of "Thumbnail View"	
Function	Remote control buttons
Activate	• Press **MENU** button on the remote control to activate the **Thumbnail View** mode. Press it again to go back to the **Detail View** mode.
Select Item	• Press ◄ ▲ ► ▼ button to select an item, ⏮/⏭ for previous or next page. The highlighted area indicates the selected item. • Some functions like **SETUP**, ⌂ **HOME** and the **DISPLAY** are disabled.
Play Slideshow	 • Pressing the ►/II button on a JPEG file will start the "Slideshow" display mode. The photos will be displayed in series with a fixed interval from the one being played now. • Press ⏮/⏭ button will play the previous / next file. • You can setup the interval between each slide at SETUP MENU > PREFERENCE > S.S. INTERVAL. This setup is only available at **Detail View** mode. You need to press **MENU** key to switch to **Detail View**

	mode, and then press **SETUP** key to open SETUP MENU.
Pause Slideshow	• Press ⏯ button will pause the slideshow play. In the pause state, press **ZOOM** button to enlarge the photo image in a recurring sequence; press **ANGLE** button to rotate the photo image counterclockwise. • Press ⏮/⏭ button will play the previous / next file. • Press ⏯ button again to continue playing the Slideshow.
Play Music Slideshow	• Music Slideshow function allows you to play photo slideshow and music at the same time. 1. Put music and photo files you want to play in the same folder. 2. Play the first photo file listed. The Music Slideshow will start automatically. 3. In "folder play" operation, the play mode is determined by the first file within. ❑ If the first file is a graphic file, it plays Music Slideshow. ❑ If the first file is a music file, it plays music only. 4. If all music files have been played once and the slideshow is not finished yet, it will repeat all music files all over again. 5. If all photo files have been played once, it will stop playback. 6. **The maximum number of files within a folder is 2048. (including a maximum of 100 music files)** 7. **The Music Slideshow function does not support 1080I mode.**
Open a folder	• Press ⏯ button to open the selected folder.
Go up a folder level	• Press ■ **STOP** button or select to go back to the parental folder.

Playing Back Media Files

About Media Files

<table>
<tr><td>File Format</td><td>Icon</td><td>Description</td></tr>
<tr><td rowspan="3">Folder Play</td><td> </td><td>A folder</td></tr>
<tr><td> </td><td>The parental folder</td></tr>
<tr><td colspan="2">This device introduces a convenient feature named “Folder Play”. You can play all media files contained in one folder by simply pressing the ►/II button on that folder icon. A maximum of 2048 files/folders can be categorized into one single folder.
By selecting the parental folder icon (..) or pressing the ■ STOP button, you can come up a level in its directory tree.</td></tr>
<tr><td rowspan="4">DVD Folder & MPEG-2</td><td> </td><td>The IFO file of a DVD movie. To play back the entire DVD movie with DVD menu, this is the file to play.</td></tr>
<tr><td> </td><td>A MPEG-2 file. The filename extension can be mpg, vob, or m2p.</td></tr>
<tr><td> </td><td>A video file. (Thumbnail View) It represents all video files recognizable.</td></tr>
<tr><td colspan="2">“DVD Folder” means a folder contains complete DVD movie files. This device can directly play back this folder just like playing back a DVD disc. To establish a DVD folder on this device, just insert the DVD disc into a computer’s optical drive, and then go to “My Computer” to browse the disc. Copy the entire “VIDEO_TS” folder on the DVD to the USB external storage devices. Some DVD discs can’t be copied because they have been protected (with the CSS protection). The back-up operation of any DVD content must obey your local law of copyright/ intellectual property rights. Please respect copyright, do not copy DVDs with copyright and do not distribute them to other people.
To play the “DVD Folder” movie, simply select the folder and then press the ►/II button. Or you can play it by selecting the VIDEO_TS IFO file, and then press the ►/II button.
⚠ If the DVD Folder is incomplete, you can still play back the VOB files directly, while some functions will be lost, such as the</td></tr>
</table>

Playing Back Media Files

	selection of subtitles, chapters, and angles.	
DivX files		A DivX /Xvid movie file. The filename extension can be avi, divx, or xvid.
		A DivX /Xvid subtitle file. The filename extension can be srt, sub/idx, ssa, ass, psb, sub, or smi.
		A video file (Thumbnail View). It represents all video files recognizable.
		A DivX /Xvid subtitle file (Thumbnail View). The filename extension of it can be srt, sub/idx, ssa, ass, psb, sub, or smi.
	This kind of media files includes DivX and Xvid files. Most of them are available as separate video files (the filename extensions include avi, divx, and xvid) and subtitle files. To play these media files, select the video file or the folder that contains these files, and then press the ⏯ button. The subtitle has to be named exactly the same filename as the movie file in order to display automatically. For text type subtitle files encoded in ANSI code, the OSD Language must be set to match the language of the subtitle; while the ones encoded in Unicode (UCS-2) fashion can be displayed properly regardless of the OSD Language setting. ⚠ UTF-8 subtitles are not supported.	
MPEG-1		A MPEG-1 (VCD) file. The filename extension can be dat, mpg, mpe, or mpeg.
		A video file. (Thumbnail View) It represents all video files recognizable.
	This kind of media files includes files that meet the MPEG1 format (the filename extensions include dat, mpg, mpe, and mpeg). To play these media files, select the media file or the folder that contains these files, and then press the ⏯ button.	
Music Files		A MP3 music file. The filename extension is mp3.
		A WAV music file. The filename extension is wav.
		A music file (Thumbnail View). The filename extension can be mp3 or wav.

<table>
<tr><td></td><td colspan="2">This device can play both MP3 and WAV music files. To play these music files, select a file or a folder that contains these files, and then press the ►/II button. While the music is playing, the playback seek slider will be displayed on the screen. The title, performer, and the album information from the ID3 tag of an MP3 file will be displayed on the screen also.</td></tr>
<tr><td rowspan="3">Photo Files</td><td> </td><td>A JPEG graphic file. The filename extension can be jpg, jpe or jpeg.</td></tr>
<tr><td> </td><td>A JPEG file (Thumbnail View).</td></tr>
<tr><td colspan="2">This kind of media files includes files that meet the JPEG format (the filename extensions include jpg, jpe, jpeg). Most digital cameras store photo images in this format.
To play back these graphic files, select a file or a folder that contains these files, and then press the ►/II button. This device will play all graphic files in one folder sequentially with a fixed interval (Slideshow mode). You can configure this functions in SETUP MENU > PREFERENCE PAGE > S.S. INTERVAL.
This device also features Music Slideshow function. If a folder contains both JPEG files and music files, this device will play Slideshow and music together while performing Slideshow Play. (It does not support 1080I mode.)
 If you don't want to display the photos in the slide-show mode, you can press the ►/II button, and then press I◄◄/►►I button for previous or next photo file.</td></tr>
<tr><td rowspan="3">Playlists</td><td> </td><td>A Playlist.</td></tr>
<tr><td> </td><td>A Playlist (Thumbnail View).</td></tr>
<tr><td colspan="2">A Playlist (m3u file) is a list of media files which can be played contiguously. To play back a Playlist, just select one and the press the ►/II button. A total 2048 files can be managed into a single Playlist.</td></tr>
<tr><td rowspan="2">Problem files</td><td> </td><td>A file with problem for playback.</td></tr>
<tr><td> </td><td>A file with problem for playback (Thumbnail View).</td></tr>
</table>

Playing Back Media Files

Using the Remote Control

The icons on top of table indicate the media files associated with each function.

While playing back, you can enable the following operations:

DVD Folder

Plays the complete DVD movie with DVD menu.

DVD Menu	Press **MENU** button will open the DVD Main Menu.
DVD Title Menu	Press **HOME** button will open the DVD Title Menu
Change subtitle	Press **SUBTITLE** button.
Change audio	Press **AUDIO** button.
Change angle	Press **ANGLE** button to change to another view angle if available. After pressing the **ANGLE** button, if the appears, it means that only one view angle is available.
Zoom in	Press **ZOOM** button to enlarge the image in a recurring sequence. If the image is larger than the screen, press to move it.

- Some DVD will disable the **SUBTITLE** and **AUDIO** key function. You will need to set up these functions in the DVD Menu by pressing **MENU** key.
- The **ZOOM** function will be disabled in 1080I/720P video output mode.
- If the DVD menu behaves incorrectly, such as blank screen or repeated segments, press **STOP** button to stop playing, and then select the VIDEO_TS file. Press **A-B** button to play the Main Title directly.

Photo Slideshow

Plays graphic files continuously

Slideshow Play	Pressing button on a JPEG file will start the Slideshow play.
Slideshow Pause	Press button to pause the Slideshow. Press button again to continue Slideshow play.
Previous / Next	Press / button.
Rotate	Pause Slideshow first, and then press **ANGLE** button to rotate the photo image counterclockwise.

Zoom in	Pause Slideshow first, and then press **ZOOM** button to enlarge the image in a recurring sequence. If the image is larger than the screen, press ◄ ▲ ► ▼ to move it.
	• The **ZOOM** function will be disabled in 1080I/720P video output mode. • You can refer to **[TV Connection] - [Thumbnail View]** chapter for more information. (page 15)

Music Slideshow

Plays graphic files continuously with music

Music Slideshow	If a folder contains both JPEG files and MP3 music files, this device will play Slideshow and MP3 music together while performing Slideshow Play. (This function is not supported under 1080I mode.)
Slideshow Play	Pressing ►/II button on a JPEG file will start the Slideshow play.
Slideshow Pause	Press ►/II button to pause the Slideshow. Press ►/II button again to continue Slideshow play.

Change DivX Subtitle

Change the subtitle, or disable the subtitle.

Change subtitle	Press the **SUBTITLE** button to change to next subtitle available.

Please read the following notice concerning the DivX subtitle :

- If the movie file and subtitle file have the same filename, the subtitle will be displayed automatically while playing back.
- You can also specify another subtitle file. Press ■ **STOP** button to stop the playback first, and then it will go back to the "**Detail View**" mode. You can select the desired subtitle file, and then press **SUBTITLE** button. A message "DIVX SUBTITLE SELECTED" will appear on the screen. In the resume playing of the movie, the selected subtitle will be displayed.
- For text type subtitle files encoded in ANSI code, the OSD Language must be set to match with the language of the subtitle; while the ones encoded in Unicode (UCS-2) fashion can be displayed properly regardless of the OSD

Language setting. You can adjust this setting in SETUP MENU > GENERAL SETUP > OSD LANGUAGE.

- UTF-8 subtitles are not supported.
- After pressing the **SUBTITLE** button, if the ✋ appears, it means that there is no subtitle file or the selected subtitle file is not supported.

Change Audio

You can change to different language channels if the movie file contains them.

Change audio	• Press **AUDIO** button to change to another language channel if available. • If the ✋ appears after pressing the **AUDIO** button, it means that only one language channel is available.
	• The languages and the audio channel encodings of each audio track in a DVD/ DivX movie may very from one another, depending on the information carried by the source itself.
	• You can set audio output as one of the following three: Mono Left , Mono Right , or Stereo .

Stop Playback

Stops the ongoing playback and goes back to "Detail View"

Stop	Pressing ■ **STOP** button will stop the playback and will go back to "Detail View".
After the playback of and stopped, you can do the followings:	
Resume	• After stopping, if you never play another file and the current file is still selected, press ▶/II to continue playing the current file from the break point.
Complete Stop	After stopping the playback, press ■ **STOP** button again. A "**RESUME OFF**" message will then be displayed on the screen. The resume function is now canceled.

Pressing the ■ **STOP** button in the **Detail View** will return to the parental directory.

Pause

Pause the ongoing playback

Pause	Press ⏯ button.
Resume	Press ⏯ button to continue playing the file.

Volume Adjustment

Increase or decrease the volume output level.

Volume up	Press **VOL+** button.
Volume down	Press **VOL-** button.

Play the Previous/ Next

Play the previous title / chapter or file.

Play the next title/ chapter or file.

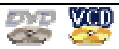
Previous	Press ⏮ button.
Next	Press ⏭ button.

Fast Forward / Rewind

Fast forward: quickly plays a file forward (the speed is adjustable).

Rewind: quickly plays a file backward (the speed is adjustable).

Fast forward	Press ⏩ button to adjust speed.
Rewind	Press ⏪ button to adjust speed.
Resume	Press ⏯ button to restore normal speed.


: Adjust speed in sequence: [2X ⇨ 4X ⇨ 6X ⇨ 8X ⇨ Normal].

: Adjust speed in sequence: [2X ⇨ 4X ⇨ 8X ⇨ 16X ⇨ Normal].

⚠

- During the fast forward or rewind playback, the image may appear discontinuous and sound may become mute.
- When fast forward playing to the next chapter, it will restore normal speed.
- When rewinding to the beginning of the current chapter, it will restore normal speed.

Playing Back Media Files

Slow Motion

Plays a file at a slower speed (the speed is adjustable).

Slow motion	Press **SLOW** button to adjust speed.
Resume	Press ⏯ button to restore normal speed.

: Adjust speed in sequence: [1/2X ⇨ 1/4X ⇨ 1/8X ⇨ Normal].

: Adjust speed in sequence: [1/2X ⇨ 1/4X ⇨ 1/8X ⇨ 1/2X Rewind ⇨ 1/4X Rewind ⇨ 1/8X Rewind ⇨ Normal]

⚠ During the slow motion playback, the sound may become mute.

Step Playback

Plays a movie in a frame-by-frame wise.

Step playback	Press ⏯ button to pause the playback. Press **SLOW** button to play one single frame at a time.
Resume	Press ⏯ button again to restore normal playback.

Skip Playback

Skip forward or backward a segment, and then play.

Skip forward	Press ⏭ button. (10 seconds)
Skip backward	Press ⏮ button. (10 seconds)

Play Mode

Plays in a repeat or random fashion.

Change mode	Press **REPEAT** button to change the mode in sequence: • **REPEAT ONE** (repeats the current one) ⇨ • **REPEAT ALL** (repeats all files in the folder) ⇨ • **SHUFFLE REPEAT** (randomly plays all files in the folder and repeats if all files are played) ⇨ • **SHUFFLE** (randomly plays all files in the folder until all files are played) ⇨ • **NORMAL**

Repeat from A to B

Repeats a selected segment.

Starting Point	While playing to the desired start point, press **A-B** button.
Ending Point	While playing to the desired end point, press **A-B** button. It will start the repeated playback immediately.
Normal Play	Press **A-B** button again to cancel this repeat operation.

Chapter Searching

Plays the movie from the chapter indicated.

Display	Press **GOTO**, and the screen will display "TITLE: _ _ / _ _ CHAPTER: _ _ / _ _".
Input	Press **0~9** buttons to select a chapter.
Play	Press ⏯, the movie will be played from the indicated title or chapter.

⚠ The entered value must not exceed the total number of titles or chapters, or the ✋ will appear to indicate this error.

Time Searching

Plays the movie from a certain time point.

Display	Press **GOTO** button (press **GOTO** 2 times), and the screen will display "TITLE: _ _ / _ _ _ _ : _ _ : _ _".
Input	Press **0~9** buttons to select a desired starting point (hh:mm:ss).
Play	Press ⏯, and then the movie will be played from that point on.

⚠ The entered value must not exceed the length of the movie, or the ✋ will appear to indicate this error.

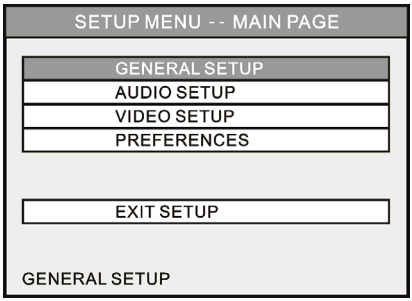
Display Information

Display the information of the file being played.

Time	Press **DISPLAY** button to display elapsed time (or more) while playing a file.
File information	Press **DISPLAY** button to display file information in Detail View mode.

Setup Menu

Press **SETUP** to display the Setup Menu. See the following to set up the functions:



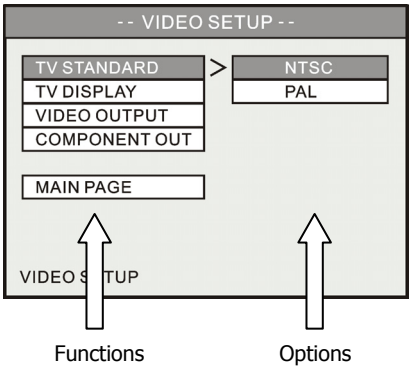
Operation of SETUP MENU

Press ▲▼ to select the sub-menu.

Press ►/II to enter the sub-menu.

Select EXIT SETUP and press ►/II to exit.

You can also press **SETUP** to exit directly.



Operation of the Sub-menu

Press ▲▼ to select the function.

Press ► to move to "Options".

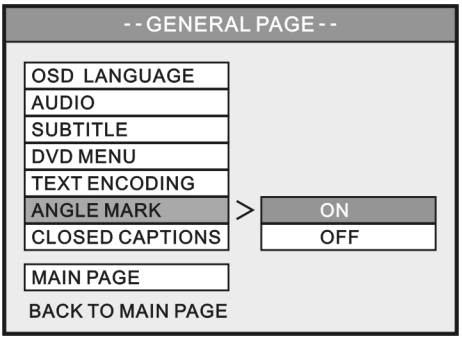
Press ▲▼ to select the setting.

Press ►/II to confirm.

Press ◄ to move to "Functions".

Select MAIN PAGE and press ►/II to exit.

GENERAL SETUP



OSD LANGUAGE

Select the language to display the SETUP MENU, information and DivX subtitle.

AUDIO

Select the language for the default audio when playing a DVD movie.

SUBTITLE

Select the language for the default subtitle when playing a DVD movie.

If "**OFF**" is selected, the subtitle will not be displayed when play back.

DVD MENU

Select the language for the default menu when playing a DVD movie.

TEXT ENCODING (For DivX Subtitle Support)

Select a language code page for additional ANSI local code subtitle support. Please refer to

the appendix for the country list (page 34). (*only active if OSD LANGUAGE is set to English)

ANGLE MARK

When playing a multi angle DVD movie, a mark will be displayed on screen.

ON: The angle mark will be displayed on the screen for 3 seconds.

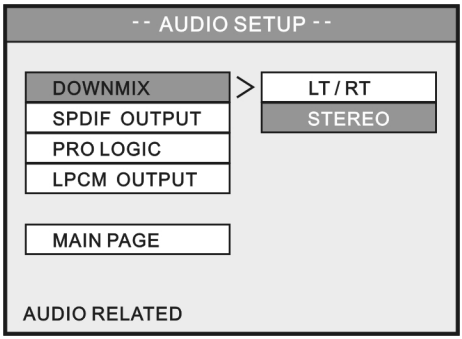
OFF: The angle mark will not be displayed on the screen.

CLOSED CAPTIONS

If a movie contains "Closed Captions", it will have "Closed Captions" or CC mark printed on its retail box. Set this function "ON" to display the Closed Captions contained.

AUDIO SETUP

This sub-menu can only be set when this device stops playback.



DOWNMIX

Set this function when output audio signal via the Composite connectors:

LT/RT : Outputs the left or right channel to both channels.

Stereo : Outputs stereo audio.

SPDIF OUTPUT

Outputs the digital audio signal via the Coaxial digital audio connector. After enabling this function, the Composite connector will not output the audio signal.

OFF : Outputs audio via Composite, and disables the digital audio output.

SPDIF/RAW : Outputs the digital audio without decoding. See "PRO LOGIC."

SPDIF/PCM : Converts the multi-channel audio signal into stereo for output. See "LPCM OUTPUT."

PRO LOGIC

This function only works if you have selected "SPDIF/RAW".

If the movie contains PCM stereo sound, after enabling this function and connected to an AV amplifier (receiver) equipped with a digital audio decoder, the audio output will be simulated as multi-channel sound.

OFF : No multi channels simulation.

ON : Outputs audio signal with multi channels simulation.

AUTO : Outputs audio signal with multi channels simulation whenever possible.

LPCM OUTPUT

Setup Menu

This function only works if you have selected "SPDIF/PCM".

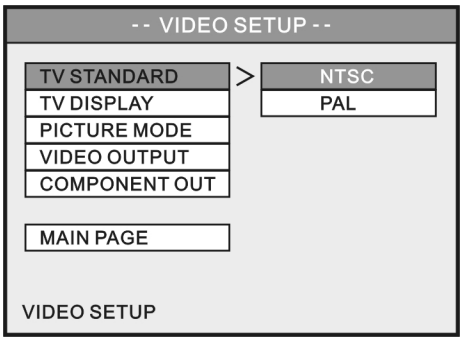
LPCM stands for Linear Pulse Code Modulation, which is a common method for encoding audio signal in CD and DVD. Higher sampling rate means audio output with more detail to meet Hi-end audiophile equipment requirements.

LPCM 48K : The sampling rate of the digital audio output will be limited at 48KHz.

LPCM 96K : The sampling rate of the digital audio output will be limited at 96KHz.

VIDEO SETUP

This sub-menu can only be set when this device stops playback.



TV STANDARD

NTSC: Outputs NTSC signal to TV.

PAL: Outputs PAL signal to TV.

TV DISPLAY

4:3 PS : Displays the 16:9 images in "Pan and Scan" with a 4:3 ratio TV connected.

4:3 LB : Displays the 16:9 images in "Letter Box" with a 4:3 ratio TV connected.

16:9 : Connects to a 16:9 wide screen TV.

PICTURE MODE

AUTO: Follows the contents to output the picture mode.

FILM: Always output progressive scan.

VIDEO: Always output interlaced scan.

SMART: Enhanced picture quality of the AUTO mode.

VIDEO OUTPUT

COMPONENT : Outputs video signal via both composite and component connectors.

COMPONENT OUTPUT

SD INTERLACE : When connecting to a TV equipped with Y/Cb/Cr video input.

SD PROGRESSIVE: When connecting to a TV equipped with Y/Pb/Pr video input.
Enabling this option will make [VIDEO OUTPUT] options disabled

720P: When connecting to a TV supports high definition video input, enabling this option will output in 16:9 up-scaling component video format for High Definition displays.
Enabling this option will make [TV STANDARD]/[TV DISPLAY]/[VIDEO

OUTPUT options disabled, and the DVD/JPEG **ZOOM** function will also be disabled at this mode.

1080I : When connecting to a TV supports high definition video input, enabling this option will output in 16:9 up-scaling component video format for High Definition displays.
Enabling this option will make TV STANDARD / TV DISPLAY / VIDEO OUTPUT options disabled, and the DVD/JPEG **ZOOM** function will also be disabled at this mode.
Music Slideshow will be disabled in this mode.

Note:
- You'll have to exit the SETUP MENU for these settings to take place.
- By pressing **TV SYS** button on the remote control, the video output format can be switched in the following sequence: **1080I ⇨ 720P ⇨ SD PROGRESSIVE ⇨ SD INTERLACE ⇨ NTSC / PAL** (toggle) and so on. If you find the display incorrect, try this method to get back to standard NTSC or PAL video output, and then configure the video setup correct.

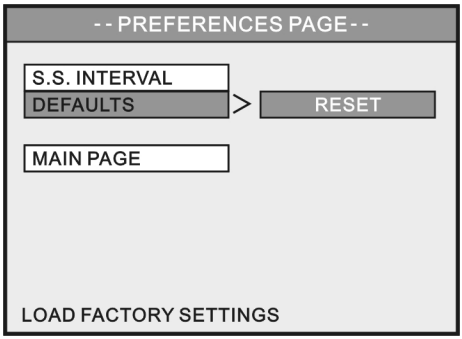
PREFERENCES SETUP

S.S. INTERVAL

This option stands for "Slide Show Interval." It sets up the interval between two photos when playing photo files.

DEFAULTS

When this function is activated, all settings will be reset to factory defaults.



Appendix

Specifications

STORAGE

USB devices	USB Flash drive / USB external HDD Minimum 512MB or larger (USB card readers are not supported)
File System	FAT32 or NTFS Minimum Allocation Unit Size 4096 bytes

INTERFACE

USB	USB 2.0 type A Connector x 1

AUDIO/VIDEO INTERFACE

HDMI	HDMI connector x 1
Composite output	Video + Audio R/L (3.5mm phone jack x 1)
Component Video	Y, Pb, Pr (3.5mm phone jack x 1)
Digital Audio	Coaxial S/PDIF Output (RCA x 1)

MEDIA SUPPORT

Audio	MP3, WAV, AC3
Video	MPEG-1(MPG/DAT), MPEG-2(MPG/VOB), MPEG-4 (AVI/ DivX 3.11, 4.x, 5.x/Xvid)
Photo	JPEG
DivX Subtitle	IDX/SUB, SRT, ASS, SSA, SUB(type II), SMI, PSB
DVD Folder	DVD Menu/Audio/Subtitle/Angle Selection

MAX CONTENT RESOLUTION

Video	720 x 576 pixels
JPEG	5120 x 3840 pixels (baseline)
MP3	320kbps
IDX/SUB	480i / 576i / 480p / 576p

VIDEO OUTPUT

TV	NTSC / PAL
Screen Ratio	4:3 / 16:9
Component	480i / 480p / 576i / 576p / 720p(50/60Hz) (upscaling) / 1080i(50/60Hz) (upscaling)

AUDIO OUTPUT

Analog Audio	Stereo/Left mono/Right mono
Digital Audio	Dolby digital 5.1

POWER SUPPLY

Input	AC 100-240 V, 50/60Hz
Output	DC 5V, 2A

BATTERY OF REMOTE CONTROL

CR2025 DC3V

WORKING ENVIRONMENT

5°C ~ 35°C, Humidity 8% ~ 80%

STORAGE ENVIRONMENT

0°C ~ 40°C, Humidity 5% ~ 95%

GENERAL

Dimensions	130(W) x 24(H) x 84(D) mm / 5.2(W) x 9.4(H) x 3.3(D) inch
Weight	124g / 4.37oz

Specifications are subject to change without notice.

Troubleshooting

Problem	Possible Cause	Solution
TV screen does not display normally	◎Video setting is not correct.	◎Press the **TV SYS** button to switch output TV system (See page 29 for more detail).
No power (All LEDs are off)	◎The power plug is not properly connected.	◎Check the power connection and plug it again.
Can't operate with the remote control	◎If this device cannot be activated by pressing ⏻ **STANDBY** button of remote control, it is probably because the power is off. ◎Remote control is not pointing toward the remote receiver. ◎The tab of battery has not been removed. ◎Battery is not assembled properly. ◎Battery became depleted.	◎Refer to "No power" section for its solution. ◎Point the remote control toward the receiver when in operation. ◎Pull out the tab of the battery on the side of remote control. ◎Check the battery direction. ◎Replace the battery.
Some folders are not listed in "**Detail View**"	◎These folders may be "Hidden", "Encrypted", "Compressed" or "System Folder".	◎Change the attribute of these folders, or create another folder (See page 8 for more detail).
Some files can't be played back	◎These files are compressed by Windows. ◎The formats of these files are not supported. ◎These files are damaged.	◎Uncompress them. ◎Convert these files to the supported format. ◎Replace them with undamaged ones.
The SETUP MENU appears to be in an unrecognizable language.	◎Incorrect OSD LANGUAGE setting.	◎Check the OSD LANGUAGE setting in SETUP MENU.
No image	◎Video cable is not connected. ◎Incorrect video setting.	◎Check video connection. ◎Press the **TV SYS** button to switch output TV system (See page 29 for

Appendix

Problem	Possible Cause	Solution
		more detail).
Can't change audio or subtitle language of a movie	◎This movie comes with only one language.	◎Check the contents.
No audio output	◎Audio cable is not connected. ◎Volume is too low. ◎Playing in fast forward, in rewinding or in slow motion. ◎Incorrect TV audio input channel. ◎Incorrect audio channel. ◎TV set is equipped with DVI input ports only, but these DVI ports use HDMI connectors instead of standard DVI connectors.	◎Check audio connection. ◎Increase volume. ◎Resume normal playback speed by pressing ⏯ button. ◎Some TV sets equip with separate composite and component audio inputs. Be sure that you have connected the correct one. ◎Press **AUDIO** button on the remote control to select the correct audio channel. ◎connect the Composite Audio Connection or the Coaxial Audio Connection instead. (page 9)
Un-recognizable subtitle occurs when playing DivX movies	◎For an ANSI encoded subtitle file, the setting of OSD Language is inconsistent with the DivX movies' subtitle file. ◎Subtitle problem.	◎Match the setting of OSD Language with the DivX subtitle file. ◎See **[Using the Remote Control] – [Change DivX Subtitle]** for solution. (page 21) ◎Resave the text subtitle to Unicode format. You can open the text subtitle file with Windows Notepad and resave the file by selecting **File > Save as** and select the Encoding section to Unicode. (UTF-8 and Unicode big endian are not supported.)

Problem	Possible Cause	Solution
		◎Convert the text subtitle file to image subtitle file.
The audio or subtitle is not the language you have selected	◎This movie doesn't come with the selected language.	◎Press **AUDIO** or **SUBTITLE** to select another language.
Can't fast forward, rewind, slow motion, step play, or search	◎Some movie files prohibit these operations.	
"HDD FATAL ERROR" message appears on the screen	◎The hard drive is malfunctioning or the setting is incorrect.	◎See [**Error Code**] – [**Error Code of Hard Disk Drive**] for solution. (page 34)
Distorted booting image or incorrect color while playback	◎The video output is set to SD PROGRESSIVE while using the composite video output.	◎Set the video output to SD INTERLACE.
DVD menu behaves incorrectly, such as blank screen or repeated segments.	◎The DVD Folder lacks some files for this function.	◎Press ■ **STOP** button to stop playing, and then select the VIDEO_TS file. Press the **A-B** button to play the Main Title directly.
I have an AVI file but cannot play it.	◎The codecs of these files are not supported. ◎The content solution of these files exceed supported range.	◎The MPEG4 (DivX, Xvid) is not standardized. Therefore, there is no standard for MPEG4 files at this moment. As the new codecs are being created constantly, it is not possible for this device to support all kinds of new codecs. Should you experience problem with your MPEG4 file, in most cases, it means that the file is not supported by this device. Please convert your file to DivX 3.11/4.x/5.x or Xvid, and keep content resolution within supported range.

Appendix

Fonts support country list

*This list is for reference only. The actual support may be subject to change without prior notice.

List of Latin 1 fonts (Western Europe)

Albanian, Danish, Dutch, English, Faroese, Finnish, French, German, Icelandic, Irish, Italian, Norwegian, Portuguese, Spanish, Swedish and Welsh.

List of Latin 2 fonts (Central Europe)

Albanian, Basque, Croat, Czech, Dutch, English, Gaelic, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene and Sorbian.

List of Baltic fonts

Danish, Dutch, English, Estonian, Latvian, Lithuanian, Norwegian, Polish, Slovene and Swedish.

List of Standard Cyrillic fonts

Bulgarian, Belorussian, English, Macedonian, Moldavian, Russian, Serbian and Ukrainian.

List of Turkish fonts

Albanian, Danish, Dutch, English, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish and Turkish.

List of Greek fonts

Greece, Cyprus

⚠ If the subtitle file you are using is not listed in the list and you can not display the subtitle file correctly, a solution is to convert your text subtitle to image subtitle (idx/sub).

Error Code

Error Code of Hard Disk Drive

On the top left corner of the screen, when "HDD FATAL ERROR – ##" (## represents the error code) appears, please check the following chart for solutions:

Code	Solution
01 ~ 02 :	These two may occur when the hard drive inside this device is not a certified disk approved by us.
03 :	The hard drive is malfunctioned. Check the hard drive health state.
04 :	The partition of the hard drive is wrong. Please format the first "Primary" partition with NTFS or FAT32 file system.
05 :	Bad sectors detected.
10 ~ 15 :	Please reformat the hard drive when one of these codes occurs.

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